Enhancing C4 Across the Nation

DTTP Fulfills Vital Need for Tools To Support Command, Control, Communications and Computers (C4) Activities

C4 Operations

❖ **FLOODING RESPONSE** DTTP classrooms in Massachusetts, Pennsylvania, and New York served as Joint Operations Centers to support response activities related to the massive flooding that occurred in these regions during the summer of 2006. Using these Distance Learning assets, responders at various levels of command - in multiple locations - were able to discuss logistics, plan responses, and maintain situational awareness. In Pennsylvania, DTTP helped bridge communications between the Adjutant General and the Pennsylvania Emergency Management Agency.

❖ **HOMELAND SECURITY** Following the discovery in August of a terrorist plot targeting US-bound airplanes from London, Massachusetts emergency-response personnel leveraged National Guard DL assets and telecommunications capabilities for several days to support airport-security activities.

❖ **VIRTUAL TESTIMONY** Soldiers who have returned from their tours of duty in Iraq are sometimes required to testify before the Central Criminal Court of Iraq (CCCI) against suspects they helped apprehend while deployed. A growing number of soldiers across the country use DTTP video-teleconferencing capabilities to make their court appearances and provide testimony virtually, without the added expense and risk of physically returning to that war-torn region.

❖ **EVENT SECURITY** DTTP assets in Michigan helped ensure the safety of players and fans by supporting security operations and communications at two major sporting events: SuperBowl XL and the 2006 World Series.

C4 Exercises and Training

❖ **JOINT INFORMATION EXCHANGE ENVIRONMENT (JIEE)** During the period 9-31 August 2006, DTTP supported JIEE training for 188 students in 33 states. JIEE integrates existing tools to facilitate the sharing of critical information within and among states, from the incident area to states, and from states to the National Guard Bureau. It supports the building and sharing of a National Guard Common Operating Picture (COP), which enables leaders to evaluate various courses of action. JIEE also supports improved C4 and National Guard asset coordination during incident response.

❖ **VIGILANT GUARD** In August 2006, Utah used DTTP resources to support Operation Vigilant Guard, a multi-agency, multi-state earthquake response exercise designed to test the National Guard's ability to work with and support civil authorities while responding to a natural disaster or civil emergency. Approximately 300 military and civilian personnel participated in the exercise, which involved a hypothetical large-magnitude earthquake in Northern Utah that results in significant loss of life and extensive damage to buildings and infrastructure. DTTP supported video-teleconferencing among NGB, Utah, and seven surrounding states. These VTC connections were used to enhance situational awareness and disseminate additional scenarios to participants.

❖ **PANDEMIC INFLUENZA EXERCISE** In March 2006, DTTP helped support the Chief, National Guard Bureau, in conducting a Pandemic Influenza Tabletop Exercise (TTX). More than 1,200 participants - from each of the 50 states, two territories, the Commonwealth of Puerto Rico, and the District of Columbia - took part in the exercise, which leveraged video-teleconferencing and audio-conferencing technologies. The TTX was designed to enhance the ability of the National Guard and state emergency management agencies to plan for and respond to a pandemic influenza outbreak and its potentially devastating effects. Total estimated costs avoided through the use of DL assets were $766,940.

❖ **HAPSITE TRAINING** DTTP supported the delivery of Hazardous Air Pollutant On Site training to Civil Support Team personnel nationwide. In Mississippi, students leveraged tie-in mobile units to take the instruction directly from inside their mobile incident test vehicle, enabling them to enhance their training even further with direct, hands-on experience in the actual vehicle environment.